



InterBlock *Building solid foundations for the future.*

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INSULATED CONCRETE FORMS

- Insulated concrete forms are a '**green**' product which fit with the national energy concerns.
- ICF's will **save energy** through exceptional thermal performance.
- With the use of ICF's it will help to **create hundreds of jobs** in Wisconsin.

Green building is not a fad and will continue to revolutionize the building industry. Architects and contractors can no longer ignore the many benefits and advantages of the 'green' building as the buying public becomes more informed about green technologies.

It is imperative we use building methods that reduce energy consumption and related greenhouse gas emissions.

The ongoing energy use of a building is probably the single greatest environmental impact of the building and continues to impact the environment for decades. So the opportunity to choose a building material, like insulated concrete forms, can greatly decrease its energy consumption.

Highlite Features of ICF's
See attached information.

TOTAL R-VALUE PERFORMANCE

R-value,	R20 to R48	
Thermal mass	Concrete	= Truer R Value
Major reduction of air infiltration		

Insulated concrete forms have lasting benefits and long term savings for the building Owner and environment.

Lastly, there is no single building product on the market that can make a larger impact on energy efficiency for the building envelope than **INSULATED CONCRETE FORMS**.



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INTERBLOCK

Insulated Concrete Form – The Benefits

ENVIRONMENTAL ISSUES

- ICF's are 'GREEN' building materials.
 - Uses fewer resources to manufacture than other insulation products.
 - No formaldehyde, toxic chemicals, asbestos or fiberglass
 - No HCFC's
 - No CFC's (chlorofluorocarbons).
 - No 'off-gassing' of VOC's
 - No mold growth
- Better Indoor Air Quality
- Sustainable Construction
- Minimal Job Site Waste
- Fire Resistant
- Excellent Sound Wall
- Manufactured in Wisconsin
- Energy Star Partner

ENERGY SAVINGS

- Exceptional high R value, R20 to R48
- 25% to 60% Energy Savings over Standard Construction.
- Downsize HVAC (Heating, Ventilation & Air Conditioning) System.
 - Less energy consumption
- No air infiltration
- Thermal Mass = Less energy usage.
- Constant & Continuous R value
- The level of energy efficiency in ICF usage reduces dependence on fossil fuels and represents a sound, proven 'green' building practice.

ADDITIONAL INFORMATION

- Buildings in the USA consume 36% of total energy, 65% electrical consumption and produce 30% of greenhouse gas emissions.
- LEED qualifications are most heavily weighted in criteria for ENERGY SAVINGS.
- ICF's have a higher R value than standard construction.
- FEMA's choice for building materials is Insulated Concrete Form construction. This recommendation is in their 'Taking Shelter from the Storm' guide (FEMA 320).
- Insulated Concrete Forms offer the most straightforward solution for an environmentally, energy efficient thermal envelope so vital to sustainable construction.